

WHAT IS CLAIMED:

1. Cooling equipment for a motor vehicle, in particular for an excavator, said motor vehicle having a longitudinal axis of symmetry identifying two directions of preferential movement; said equipment comprising at least one air intake, a duct for delivery of the air to a radiator for cooling of coolant liquids, and a fan operable to send a flow of incoming air from said at least one air intake to said radiator, through said delivery duct, for providing the desired cooling of the coolant liquid; and wherein that said at least one air intake is positioned in a way substantially perpendicular to a flow of air drawn in during the forward movement of said excavator, and in that said radiator is positioned in a manner substantially tangential to said flow of air.
2. Cooling equipment as described claim 1, wherein said delivery duct extends substantially in the longitudinal direction of the vehicle.
3. Cooling equipment as described in claim 2, wherein said at least one air intake is positioned at a front portion of the vehicle bodywork whereas the radiator is located at a rear portion thereof.
4. Cooling equipment as described in claim 3, wherein an outer, lateral side of said delivery duct is formed by a side bonnet panel of the vehicle bodywork.
5. Cooling equipment as described in claim 4, wherein at least part of said side bonnet panel is pivotable to an open position for exposing the radiator.
6. Cooling equipment as described in claim 5, wherein said delivery duct comprises :
a first duct portion contiguous to said at least one air intake and having a longitudinal axis which is substantially parallel to said axis of symmetry; and
a second duct portion contiguous to said radiator and having a longitudinal axis which is substantially transverse to said axis of symmetry.

7. Cooling equipment described in claim 6, wherein at least one air intake is located on a forwardly extending box-shaped element, which forms an integral part of the bodywork of the motor vehicle.

5 8. Cooling equipment described in claim 7, wherein said box-shaped element serves as a battery housing for the motor vehicle.

9. Cooling equipment described in claim 8, further comprising a fuel tank that is housed alongside said radiator, an outer wall of said fuel tank delimiting a part of said delivery duct.

10 10. Cooling equipment described in claim 9, wherein a further air intake is provided in said delivery duct downstream of said at least one air intake; said further air intake being shielded from the air coming from said at least one air intake by a deflector.